IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application. Please amend claims 1, 3, 12 and 14, cancel claims 4, 7, 16 and 17, and add new claims 22-24 without prejudice or disclaimer as follows:

1. (Currently amended) A device adapted to communicate with an audio mux, the audio mux receiving a vocoder input from a vocoder and an audio decoder input from an audio decoder, the device comprising:

a stereo/mono control unit coupled to a codec; and

a plug-in detection circuit for determining a type of an audio output device coupled to an I/O jack and outputting the determined type of the audio output device to the stereo/mono control unit; wherein the determined type of audio output device is one of a stereo capable device and a mono capable device; wherein the stereo/mono control unit receives an audio mux input identifying a type of a signal that the codec received from the audio mux, and the stereo/mono control unit provides a control output to the codec based on the determined type of the audio output device and the identified type of the signal.

2. (Original) The device of claim 1 wherein the control output is coupled to a plurality of components in a receive audio processing path of the codec.

3. (Currently Amended) The device of claim 2 wherein the plurality of components are in one of a right channel of the receive audio processing path and a left channel of the receive audio processing path.

4. (Cancelled)

5. (Original) The device of claim 2 wherein the control output disables at least one of the plurality of components to reduce power consumption in the receive audio processing path of the codec.

6. (Original) The device of claim 2 wherein the plurality of components comprise a receive gain, a receive filter, a digital-to-analog converter, a left/right selector, and a headset amp.

7. (Cancelled)

8. (Previously Presented) The device of claim 1 wherein the control output disables at least one of a plurality of components in a receive audio processing path of the codec when the identified type of the signal is a voice signal.

9. (Original) The device of claim 8 wherein the plurality of components comprise a receive gain, a receive filter, a digital-to-analog converter, a left/right selector, and a headset amp.

10. (Cancelled)

11. (Cancelled)

12. (Currently Amended) A method for processing received audio signals in a device, the method comprising:

determining a type of an audio output device coupled to an I/O jack;

determining a type of the received audio signals; wherein the type identifies whether a signal provided to the audio codec by the audio multiplexer is one of voice, stereo music, and mono music; and

providing a control output to disable or enable a first channel in a receive audio processing path based on the type of the audio output device and the type of the received audio signals

13. (Previously Presented) The method of claim 12, further comprising:

disabling the first channel in the receive audio processing path and enabling a second channel in the receive audio processing path when the type of the received audio signals is mono signals; and

enabling the first channel in the receive audio processing path and enabling the second channel in the receive audio processing path when the type of the received audio signals is stereo signals.

wherein the disabling of the first channel is performed by a stereo/mono control unit.

14. (Currently Amended) The method of claim 13 wherein the disabling of the first channel is performed by the control output of the stereo/mono control unit disabling at least one of a plurality of components in the first channel;

wherein one of

the first channel is a right channel in the receive audio processing path and the second channel is a left channel in the receive audio processing path and.

the first channel is a left channel in the receive audio processing path and the second channel is a right channel in the receive audio processing path.

15. (Original) The method of claim 14 wherein the plurality of components comprise a receive gain, a receive filter, a digital-to-analog converter, a left/right selector, and a headset amp.

16. (Cancelled)

17. (Cancelled)

18. (Previously Amended) The method of claim 13 wherein the device comprises a vocoder and an audio decoder, wherein the vocoder provides voice signals to an audio mux, and wherein the audio decoder provides music signals to the audio mux.

19. (Original) The method of claim 18 wherein the stereo/mono control unit receives the audio signals from the audio mux.

20. (Previously Presented) The method of claim 12 wherein the type of the audio output device is a stereo output component.

21. (Original) The method of claim 20 further comprising disabling the first channel when the stereo output component is not coupled to the device.

22. (New) An apparatus for selectively reducing power consumption in an audio codec that includes a plurality of components, the apparatus comprising:

a stereo/mono control unit having a first input for receiving an audio multiplexer input that identifies whether a signal provided to the audio codec by the audio multiplexer is one of voice, stereo music, and mono music;

a second input for receiving a plug-in detection input that identifies whether an audio output device coupled an I/O jack is stereo capable or mono capable; and

an output for providing a control output; wherein the stereo/mono control unit generates the control output based on the audio multiplexer input and the plug-in detection input; wherein the control output is provided to the audio codec and selectively reduces the power consumption in the audio codec.

23. (New) The apparatus of claim 22 further comprising:

an audio multiplexer, coupled to the stereo/mono control unit, for providing the audio multiplexer input to the stereo/mono control unit

24. (New) The apparatus of claim 22 further comprising:

a plug-in detection circuit , coupled to the stereo/mono control unit, for providing the plug-in detection input to the stereo/mono control unit.